

# INDEXES TO VOLUMES 52 AND 53

## AUTHOR INDEX

Author	Title	Vol.	Page
AFFLERBACH, LOTHAR & WEILBÄCHER, RAINER	The Exact Determination of Rectangle Discrepancy for Linear Congruential Pseudorandom Numbers . . . . .	53	343
ANG, D. D., LUND, JOHN & STENGER, FRANK	Complex Variable and Regularization Methods of Inversion of the Laplace Transform . . . . .	53	589
AZIZ, A. K. & MONK, PETER	Continuous Finite Elements in Space and Time for the Heat Equation . . . . .	52	255
BABUŠKA, I. & OSBORN, J. E.	Finite Element-Galerkin Approximation of the Eigenvalues and Eigenvectors of Selfadjoint Problems . . . . .	52	275
BACH, ERIC & SHALLIT, JEFFREY	Factoring with Cyclotomic Polynomials . . . . .	52	201
BAILEY, DAVID H. & FERGUSON, HELANAN R. P.	Numerical Results on Relations Between Fundamental Constants Using a New Algorithm . . . . .	53	649
BALES, LAURENCE A. & DOUGALIS, VASSILIOS A.	Cosine Methods for Nonlinear Second-Order Hyperbolic Equations . . . . .	52	299
BAYLISS, ALVIN, LI, YANYAN & MORAWETZ, CATHLEEN S.	Scattering by a Potential Using Hyperbolic Methods . . . . .	52	321
BELL, DAVID I.	See: NOLL, LANDON CURT & BELL, DAVID I.	53	439
BELLEN, A., JACKIEWICZ, Z., VERMIGLIO, R. & ZENNARO, M.	Natural Continuous Extensions of Runge-Kutta Methods for Volterra Integral Equations of the Second Kind and Their Applications . . . . .	52	49
BERCOVIER, MICHEL	See: SCHATZMAN, MICHELLE & BERCOVIER, MICHEL . . . . .	53	55
BÖRGERS, CHRISTOPH	On the Numerical Solution of the Regularized Birkhoff Equations . . . . .	53	141
BORWEIN, J. M. & BORWEIN, P. B.	On the Mean Iteration $(a, b) \leftarrow ((a + 3b)/4, (\sqrt{ab} + b)/2)$ . . . . .	53	311
BORWEIN, P. B.	See: BORWEIN, J. M. & BORWEIN, P. B. . . . .	53	311
BOYD, DAVID W.	Reciprocal Polynomials Having Small Measure. II . . . . .	53	355
BRAMBLE, JAMES H., PASCIAK, JOSEPH E., SAMMON, PETER H. & THOMÉE, VIDAR	Incomplete Iterations in Multistep Backward Difference Methods for Parabolic Problems with Smooth and Nonsmooth Data . . . . .	52	339
BRAMBLE, JAMES H., PASCIAK, JOSEPH E. & SCHATZ, ALFRED H.	The Construction of Preconditioners for Elliptic Problems by Substructuring, IV . . . . .	53	1
BRENNER, SUSANNE C.	An Optimal-Order Multigrid Method for P1 Nonconforming Finite Elements . . . . .	52	1
BRENT, RICHARD P. & COHEN, GRAEME L.	A New Lower Bound for Odd Perfect Numbers	53	431

Author	Title	Vol.	Page
BREZINSKI, CLAUDE	Procedures for Estimating the Error in Padé Approximation . . . . .	53	639
BROWNING, G. L. & KREISS, H.-O.	Comparison of Numerical Methods for the Calculation of Two-Dimensional Turbulence . . . .	52	369
BRUNNER, HERMANN	Collocation Methods for Nonlinear Volterra Integro-Differential Equations with Infinite Delay . . . . .	53	571
BUCHMANN, J., POHST, M. & SCHMETTOW, J. V.	On the Computation of Unit Groups and Class Groups of Totally Real Quartic Fields . . . .	53	387
BUCHMANN, JOHANNES & FORD, DAVID	On the Computation of Totally Real Quartic Fields of Small Discriminant . . . . .	52	161
BUCHMANN, JOHANNES & PETHÖ, ATTILA	Computation of Independent Units in Number Fields by Dirichlet's Method . . . . .	52	149
BUCHMANN, JOHANNES & WILLIAMS, H. C.	On the Computation of the Class Number of an Algebraic Number Field . . . . .	53	679
CABOZ, R.	See: LOISEAU, J. F., CODACCIONI, J. P. & CABOZ, R. . . . .	53	335
CAI, WEI, GOTTLIEB, DAVID & SHU, CHI-WANG	Essentially Nonoscillatory Spectral Fourier Methods for Shock Wave Calculations . . . . .	52	389
CARLSON, B. C.	A Table of Elliptic Integrals: Cubic Cases . . . .	53	327
CHUI, CHARLES K. & HE, TIAN XIAO	On the Dimension of Bivariate Superspline Spaces . . . . .	53	219
COCKBURN, BERNARDO & SHU, CHI-WANG	TVB Runge-Kutta Local Projection Discontinuous Galerkin Finite Element Method for Conservation Laws II: General Framework . . . .	52	411
CODACCIONI, J. P.	See: LOISEAU, J. F., CODACCIONI, J. P. & CABOZ, R. . . . .	53	335
COHEN, GRAEME L.	See: BRENT, RICHARD P. & COHEN, GRAEME L. . . . .	53	431
COMODI, M. I.	The Hellan-Herrmann-Johnson Method: Some New Error Estimates and Postprocessing . .	52	17
CREUTZBURG, R. & TASCHE, M.	Parameter Determination for Complex Number-Theoretic Transforms Using Cyclotomic Polynomials . . . . .	52	189
CROUZEIX, M., THOMÉE, V. & WAHLBIN, L. B.	Error Estimates for Spatially Discrete Approximations of Semilinear Parabolic Equations with Initial Data of Low Regularity . . . .	53	25
CROUZEIX, MICHEL & FALK, RICHARD S.	Nonconforming Finite Elements for the Stokes Problem . . . . .	52	437
DEGOND, P. & MAS-GALLIC, S.	The Weighted Particle Method for Convection-Diffusion Equations. Part 1: The Case of an Isotropic Viscosity . . . . .	53	485
DEGOND, P. & MAS-GALLIC, S.	The Weighted Particle Method for Convection-Diffusion Equations. Part 2: The Anisotropic Case . . . . .	53	509
DEL PRETE, VINCENZA	Quadratic Convergence of Vortex Methods . . .	52	457
DOUGHERTY, RANDALL L., EDELMAN, ALAN & HYMAN, JAMES M.	Nonnegativity-, Monotonicity-, or Convexity-Preserving Cubic and Quintic Hermite Interpolation . . . . .	52	471
DOUGALIS, VASSILIOS A.	See: BALES, LAURENCE A. & DOUGALIS, VASSILIOS A. . . . .	52	299

# AUTHOR INDEX

779

Author	Title	Vol.	Page
DOUGLAS, JIM, JR. & WANG, JUNPING	An Absolutely Stabilized Finite Element Method for the Stokes Problem . . . . .	52	495
DUBNER, H.	A New Method for Producing Large Carmichael Numbers . . . . .	53	411
DUTT, P.	Stability and Convergence of Spectral Methods for Hyperbolic Initial-Boundary Value Problems . . . . .	53	547
EDELMAN, ALAN	See: DOUGHERTY, RANDALL L., EDELMAN, ALAN & HYMAN, JAMES M. . . . .	52	471
EGGERMONT, P. P. B.	Uniform Error Estimates of Galerkin Methods for Monotone Abel-Volterra Integral Equations on the Half-Line . . . . .	53	157
EICHENAUER-HERRMANN, JÜRGEN, GROTHE, HOLGER & LEHN, JÜRGEN	On the Period Length of Pseudorandom Vector Sequences Generated by Matrix Generators . . . . .	52	145
ENGQUIST, BJÖRN, LÖTSTEDT, PER & SJÖGREEN, BJÖRN	Nonlinear Filters for Efficient Shock Computation . . . . .	52	509
EVANS, D. J. & LI, C.	Determination of the $D^{1/2}$ -Norm of the SOR Iterative Matrix for the Unsymmetric Case . . . . .	53	203
EĞECIOĞLU, ÖMER & KO, ETIN K.	A Fast Algorithm for Rational Interpolation Via Orthogonal Polynomials . . . . .	53	249
FALK, RICHARD S.	See: CROUZEIX, MICHEL & FALK, RICHARD S. . . . .	52	437
FERGUSON, HELAMAN R. P.	See: BAILEY, DAVID H. & FERGUSON, HELAMAN R. P. . . . .	53	649
FISCHER, BERND & REICHEL, LOTHAR	Newton Interpolation in Fejér and Chebyshev Points . . . . .	53	265
FORD, DAVID	See: BUCHMANN, JOHANNES & FORD, DAVID . . . . .	52	161
GARABEDIAN, P. R.	Design of a Large Helical System for Magnetic Fusion Experiments . . . . .	52	539
GAÁL, I. & SCHULTE, N.	Computing All Power Integral Bases of Cubic Fields . . . . .	53	689
GELMAN, ALEX & RHEINOLDT, WERNER C.	On the Computation of Finite Invariant Sets of Mappings . . . . .	52	545
GEVECI, T.	On the Convergence of a Time Discretization Scheme for the Navier-Stokes Equations . . . . .	53	43
GOLUB, GENE H. & KENT, MARK D.	Estimates of Eigenvalues for Iterative Methods . . . . .	53	619
GORDON, DANIEL M.	On the Number of Elliptic Pseudoprimes . . . . .	52	231
GOTTLIEB, DAVID	See: CAI, WEI, GOTTLIEB, DAVID & SHU, CHI-WANG . . . . .	52	389
GROTHE, HOLGER	See: EICHENAUER-HERRMANN, JÜRGEN, GROTHE, HOLGER & LEHN, JÜRGEN . . . . .	52	145
GROMANN, CH. & ROOS, H.-G.	Uniform Enclosure of High Order for Boundary Value Problems by Monotone Discretization . . . . .	53	609
HE, TIAN XIAO	See: CHUI, CHARLES K. & HE, TIAN XIAO . . . . .	53	219
HEINRICHS, WILHELM	Improved Condition Number for Spectral Methods . . . . .	53	103
HUNSDORFER, W. H. & VERWER, J. G.	Stability and Convergence of the Peaceman-Rachford ADI Method for Initial-Boundary Value Problems . . . . .	53	81

Author	Title	Vol.	Page
HYMAN, JAMES M.	See: DOUGHERTY, RANDALL L., EDELMAN, ALAN & HYMAN, JAMES M. . . . .	52	471
ISAACSON, DAVID & ISAACSON, ELI L.	Comment on Calderón's Paper: "On an Inverse Boundary Value Problem" . . . . .	52	553
ISAACSON, ELI L.	See: ISAACSON, DAVID & ISAACSON, ELI L. . . . .	52	553
JACKIEWICZ, Z.	See: BELLEN, A., JACKIEWICZ, Z., VERMIGLIO, R. & ZENNARO, M. . . . .	52	49
KALTOFEN, ERICH & ROLLETSCHKE, HEINRICH	Computing Greatest Common Divisors and Factorizations in Quadratic Number Fields . . . . .	53	697
KEELING, STEPHEN L.	Galerkin/Runge-Kutta Discretizations for Parabolic Equations with Time-Dependent Coefficients . . . . .	52	561
KENT, MARK D.	See: GOLUB, GENE H. & KENT, MARK D. . . . .	53	619
KIM, SU HEE & POMERANCE, CARL	The Probability that a Random Probable Prime is Composite . . . . .	53	721
KOÇ, ÇETIN K.	See: EĞECIOĞLU, ÖMER & KOÇ, ÇETIN K. . . . .	53	249
KREISS, H.-O.	See: BROWNING, G. L. & KREISS, H.-O. . . . .	52	369
LEHN, JÜRGEN	See: EICHENAUER-HERRMANN, JÜRGEN, GROTHE, HOLGER & LEHN, JÜRGEN . . . . .	52	145
LI, C.	See: EVANS, D. J. & LI, C. . . . .	53	203
LI, YANYAN	See: BAYLISS, ALVIN, LI, YANYAN & MORAWETZ, CATHLEEN S. . . . .	52	321
LIE, IVAR & NØRSETT, SYVERT P.	Superconvergence for Multistep Collocation . . . . .	52	65
LOCHER, F.	A Family of Generalized Jacobi Polynomials . . . . .	53	303
LÖH, GÜNTER	Long Chains of Nearly Doubled Primes . . . . .	53	751
LOISEAU, J. F., CODACCIONI, J. P. & CABOZ, R.	Incomplete Hyperelliptic Integrals and Hypergeometric Series . . . . .	53	335
LÖTSTEDT, PER	See: ENGQUIST, BJÖRN, LÖTSTEDT, PER & SJÖGREEN, BJÖRN . . . . .	52	509
LUBINSKY, D. S.	See: RABINOWITZ, P. & LUBINSKY, D. S. . . . .	53	279
LUECKE, GLENN R.	Numerical Approximation of Minimum Norm Solutions of $Kf = g$ for Special $K$ . . . . .	53	563
LUND, JOHN	See: ANG, D. D., LUND, JOHN & STENGER, FRANK . . . . .	53	589
LYNESS, J. N. & SLOAN, I. H.	Some Properties of Rank-2 Lattice Rules . . . . .	53	627
LYNESS, JAMES N.	See: SLOAN, IAN H. & LYNESS, JAMES N. . . . .	52	81
MARSAGLIA, GEORGE, ZAMAN, ARIF & MARSAGLIA, JOHN C. W.	Numerical Solution of Some Classical Differential-Difference Equations . . . . .	53	191
MARSAGLIA, JOHN C. W.	See: MARSAGLIA, GEORGE, ZAMAN, ARIF & MARSAGLIA, JOHN C. W. . . . .	53	191
MAS-GALLIC, S.	See: DEGOND, P. & MAS-GALLIC, S. . . . .	53	485
MAS-GALLIC, S.	See: DEGOND, P. & MAS-GALLIC, S. . . . .	53	509
MASSIAS, JEAN-PIERRE, NICOLAS, JEAN-LOUIS & ROBIN, GUY	Effective Bounds for the Maximal Order of an Element in the Symmetric Group . . . . .	53	665

## AUTHOR INDEX

781

<i>Author</i>	<i>Title</i>	<i>Vol.</i>	<i>Page</i>
MASTROIANNI, GIUSEPPE	On the Convergence of Product Formulas for the Evaluation of Certain Two-Dimensional Cauchy Principal Value Integrals . . . . .	52	95
MCDANIEL, WAYNE L.	Some Pseudoprimes and Related Numbers Having Special Forms . . . . .	53	407
MEINARDUS, G., NÜRNBERGER, G., SOMMER, M. & STRAUSS, H.	Algorithms for Piecewise Polynomials and Splines with Free Knots . . . . .	53	235
MIKLAVČIČ, MILAN	Approximations for Weakly Nonlinear Evolution Equations . . . . .	53	471
MIYAMOTO, IAN & MURTY, M. RAM	Elliptic Pseudoprimes . . . . .	53	415
MONK, PETER	See: AZIZ, A. K. & MONK, PETER . . . . .	52	255
MORAIN, FRANÇOIS	On the lcm of the Differences of Eight Primes . . . . .	52	225
MORAWETZ, CATHLEEN S.	See: BAYLISS, ALVIN, LI, YANYAN & MORAWETZ, CATHLEEN S. . . . .	52	321
MOSTREL, MARCO MOSCHÉ	On Some Numerical Schemes for Transonic Flow Problems . . . . .	52	587
MURTY, M. RAM	See: MIYAMOTO, IAN & MURTY, M. RAM . . . . .	53	415
NICOLAS, JEAN-LOUIS	See: MASSIAS, JEAN-PIERRE, NICOLAS, JEAN-LOUIS & ROBIN, GUY . . . . .	53	665
NIEDERREITER, HARALD	The Serial Test for Congruential Pseudorandom Numbers Generated by Inversions . . . . .	52	135
NOCHETTO, RICARDO H.	A Stable Extrapolation Method for Multidimensional Degenerate Parabolic Problems . . . . .	53	455
NOLL, LANDON CURT & BELL, DAVID I.	$n$ -clusters for $1 < n < 7$ . . . . .	53	439
NØRSETT, SYVERT P.	See: LIE, IVAR & NØRSETT, SYVERT P. . . . .	52	65
NÜRNBERGER, G.	See: MEINARDUS, G., NÜRNBERGER, G., SOMMER, M. & STRAUSS, H. . . . .	53	235
OSBORN, J. E.	See: BABUŠKA, I. & OSBORN, J. E. . . . .	52	275
PASCIAK, JOSEPH E.	See: BRAMBLE, JAMES H., PASCIAK, JOSEPH E., SAMMON, PETER H. & THOMÉE, VIDAR . . . . .	52	339
PASCIAK, JOSEPH E.	See: BRAMBLE, JAMES H., PASCIAK, JOSEPH E. & SCHATZ, ALFRED H. . . . .	53	1
PETHÖ, ATTILA	See: BUCHMANN, JOHANNES & PETHÖ, ATTILA . . . . .	52	149
PINTZ, JÁNOS, STEIGER, WILLIAM L. & SZEMERÉDI, ENDRE	Infinite Sets of Primes with Fast Primality Tests and Quick Generation of Large Primes . . . . .	53	399
POHST, M.	See: BUCHMANN, J., POHST, M. & SCHMETTOW, J. V. . . . .	53	387
POMERANCE, CARL	See: KIM, SU HEE & POMERANCE, CARL . . . . .	53	721
POTLER, AARON	See: YOUNG, JEFF & POTLER, AARON . . . . .	52	221
PUCKETT, ELBRIDGE GERRY	Convergence of a Random Particle Method to Solutions of the Kolmogorov Equation $u_t = \nu u_{xx} + u(1-u)$ . . . . .	52	615
RABINOWITZ, P. & LUBINSKY, D. S.	Noninterpolatory Integration Rules for Cauchy Principal Value Integrals . . . . .	53	279
REICHEL, LOTHAR	See: FISCHER, BERND & REICHEL, LOTHAR . . . . .	53	265

Author	Title	Vol.	Page
RHEINBOLDT, WERNER C.	See: GELMAN, ALEX & RHEINBOLDT, WERNER C. . . . .	52	545
ROBERTS, STEPHEN	Convergence of a Random Walk Method for the Burgers Equation . . . . .	52	647
ROBIN, GUY	See: MASSIAS, JEAN-PIERRE, NICOLAS, JEAN-LOUIS & ROBIN GUY . . . . .	53	665
ROLLETSCHEK, HEINRICH	See: KALTOFEN, ERICH & ROLLETSCHEK, HEINRICH . . . . .	53	697
ROOS, H.-G.	See: GROßMANN, CH. & ROOS, H.-G. . . . .	53	609
RUSIN, DAVID J.	The Cohomology of the Groups of Order 32 . . . . .	53	359
SACCHI LANDRIANI, GIOVANNI & VANDEVEN, HERVÉ	Polynomial Approximation of Divergence-Free Functions . . . . .	52	103
SAMMON, PETER H.	See: BRAMBLE, JAMES H., PASCIAK, JOSEPH E., SAMMON, PETER H. & THOMÉE, VIDAR . . . . .	52	339
SCHATZ, ALFRED H.	See: BRAMBLE, JAMES H., PASCIAK, JOSEPH E. & SCHATZ, ALFRED H. . . . .	53	1
SCHATZMAN, MICHELLE & BERCOVIER, MICHEL	Numerical Approximation of a Wave Equation with Unilateral Constraints . . . . .	53	55
SCHMETTOW, J. V.	See: BUCHMANN, J., POHST, M. & SCHMETTOW, J. V. . . . .	53	387
SCHULTE, N.	See: GAÁL, I. & SCHULTE, N. . . . .	53	689
SHALLIT, JEFFREY	See: BACH, ERIC & SHALLIT, JEFFREY . . . . .	52	201
SHU, CHI-WANG	See: CAI, WEI, GOTTLIEB, DAVID & SHU, CHI-WANG . . . . .	52	389
SHU, CHI-WANG	See: COCKBURN, BERNARDO & SHU, CHI-WANG . . . . .	52	411
SJÖGREEN, BJÖRN	See: ENGQUIST, BJÖRN, LÖTSTEDT, PER & SJÖGREEN, BJÖRN . . . . .	52	509
SLOAN, I. H.	See: LYNESS, J. N. & SLOAN, I. H. . . . .	53	627
SLOAN, IAN H. & LYNESS, JAMES N.	The Representation of Lattice Quadrature Rules as Multiple Sums . . . . .	52	81
SMITH, DAVID M.	Efficient Multiple-Precision Evaluation of Elementary Functions . . . . .	52	131
SOMMER, M.	See: MEINARDUS, G., NÜRNBERGER, G., SOMMER, M. & STRAUSS, H. . . . .	53	235
STEIGER, WILLIAM L.	See: PINTZ, JÁNOS, STEIGER, WILLIAM L. & SZEMERÉDI, ENDRE . . . . .	53	399
STENGER, FRANK	See: ANG, D. D., LUND, JOHN & STENGER, FRANK . . . . .	53	589
STEPHAN, E. P. & SURI, M.	On the Convergence of the $p$ -Version of the Boundary Element Galerkin Method . . . . .	52	31
STRAUSS, H.	See: MEINARDUS, G., NÜRNBERGER, G., SOMMER, M. & STRAUSS, H. . . . .	53	235
STROEKER, R. J.	On Quartic Thue Equations with Trivial Solutions . . . . .	52	175
SURI, M.	See: STEPHAN, E. P. & SURI, M. . . . .	52	31
SWARTZ, BLAIR	The Second-Order Sharpening of Blurred Smooth Borders . . . . .	52	675
SZEMERÉDI, ENDRE	See: PINTZ, JÁNOS, STEIGER, WILLIAM L. & SZEMERÉDI, ENDRE . . . . .	53	399



Author	Title	Vol.	Page
SZEPPESSY, ANDERS	Convergence of a Shock-Capturing Streamline Diffusion Finite Element Method for a Scalar Conservation Law in Two Space Dimensions	53	527
TANNER, JONATHAN W. & WAGSTAFF, SAMUEL S., JR.	New Bound for the First Case of Fermat's Last Theorem . . . . .	53	743
TASCHE, M.	See: CREUTZBURG, R. & TASCHE, M. . . . .	52	189
THOMÉE, V.	See: CROUZEIX, M., THOMÉE, V. & WAHLBIN, L. B. . . . .	53	25
THOMÉE, VIDAR & ZHANG, NAI-YING	Error Estimates for Semidiscrete Finite Element Methods for Parabolic Integro-Differential Equations . . . . .	53	121
THOMÉE, VIDAR	See: BRAMBLE, JAMES H., PASCIAK, JOSEPH E., SAMMON, PETER H. & THOMÉE, VIDAR . . . . .	52	339
TROESCH, B. A.	The Validity of Shapiro's Cyclic Inequality . .	53	657
VANDEVEN, HERVÉ	See: SACCHI LANDRIANI, GIOVANNI & VANDEVEN, HERVÉ . . . . .	52	103
VERMIGLIO, R.	See: BELLEN, A., JACKIEWICZ, Z., VERMIG- LIO, R. & ZENNARO, M. . . . .	52	49
VERWER, J. G.	See: HUNSDORFER, W. H. & VERWER, J. G.	53	81
WAGSTAFF, SAMUEL S., JR.	See: TANNER, JONATHAN W. & WAGSTAFF, SAMUEL S., JR. . . . .	53	743
WAHLBIN, L. B.	See: CROUZEIX, M., THOMÉE, V. & WAHLBIN, L. B. . . . .	53	25
WANG, JUNPING	See: DOUGLAS, JIM, JR. & WANG, JUNPING	52	495
WEILBÄCHER, RAINER	See: AFFLERBACH, LOTHAR & WEILBÄCHER, RAINER . . . . .	53	343
WILLIAMS, H. C.	See: BUCHMANN, JOHANNES & WILLIAMS, H. C. . . . .	53	679
XU, YUAN	Weight Functions for Chebyshev Quadrature . .	53	297
YOUNG, JEFF & POTLER, AARON	First Occurrence Prime Gaps . . . . .	52	221
ZAMAN, ARIF	See: MARSAGLIA, GEORGE, ZAMAN, ARIF & MARSAGLIA, JOHN C. W. . . . .	53	191
ZENNARO, M.	See: BELLEN, A., JACKIEWICZ, Z., VERMIG- LIO, R. & ZENNARO, M. . . . .	52	49
ZHANG, NAI-YING	See: THOMÉE, VIDAR & ZHANG, NAI-YING .	53	121

# INDEX OF REVIEWS BY AUTHOR OF WORK REVIEWED

Author	Review Number	Classification	Vol.	Page
ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	34	33-06, 33A65, 41-06, 42C05	53	775
ALLEN, MYRON B. III, HERRERA, ISMAEL & PINDER, GEORGE F.	20	65-01, 65Mxx, 65Nxx	53	761
ALVEY, NORMAN	4	See: LANE, PETER, GALWAY, NICK & ALVEY, NORMAN	52	252
BERGUM, G. E.	19	See: PHILIPPOU, A. N., HORADAM, A. F. & BERGUM, G. E., Editors	53	453
BINI, DARIO, CAPOVANI, MILVIO & MENCHI, ORNELLA	28	65-01, 65Fxx	53	771
BLAKE, ANDREW & ZISSERMAN, ANDREW	29	68T99, 65D07, 65D10	53	772
BRASS, H. & HÄMMERLIN, G. H., Editors	17	65-06, 65D30, 65D32	53	451
BULLEN, P. S., MITRINOVIĆ, D. S. & VASIĆ, P. M.	16	26-02, 26D15, 26B25	53	450
CAPOVANI, MILVIO	28	See: BINI, DARIO, CAPOVANI, MILVIO & MENCHI, ORNELLA	53	771
CAREY, GRAHAM F. & ODEN, J. TINSLEY	2	65N30, 65M60, 76D05, 76D07	52	249
CIARLET, PHILIPPE G.	9	73-02, 73C50	52	715
COLEMAN, THOMAS F. & VAN LOAN, CHARLES	14	65-04, 65F05	53	447
DAVENPORT, J. M.	5	See: ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	52	252
DEHESA, J. S.	34	See: ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	53	775
DUFF, I. S., ERISMAN, A. M. & REID, J. K.	3	15-02, 65F50	52	250
EDWARDS, A. W. F.	30	01A45	53	773
ERISMAN, A. M.	3	See: DUFF, I. S., ERISMAN, A. M. & REID, J. K.	52	250
FLANNERY, BRIAN P.	6	See: PRESS, WILLIAM H., FLAN- NERY, BRIAN P., TEUKOLSKY, SAUL A. & VETTERLING, WILLIAM T.	52	253
FLANNERY, BRIAN P.	7	See: VETTERLING, WILLIAM T., TEUKOLSKY, SAUL A., PRESS, WILLIAM H. & FLANNERY, BRIAN P.	52	253
FLETCHER, R.	26	65-02, 65Kxx, 90Cxx	53	768
FORGÓ, FERENC	15	90-02	53	449



# INDEX OF REVIEWS BY AUTHOR OF WORK REVIEWED

785

Author	Review Number	Classification	Vol.	Page
GALWAY, NICK	4	See: LANE, PETER, GALWAY, NICK, & ALVEY, NORMAN	52	252
GLADWELL, G. M. L.	11	34A55, 15A18, 15A99	52	717
GLOWINSKI, ROLAND, GOLUB, GENE H., MEURANT, GÉRARD A. & PÉRIAUX, JACQUES	33	65-06	53	775
GOLUB, GENE H.	3	See: GLOWINSKI, ROLAND, GOLUB, GENE H., MEURANT, GÉRARD A. & PÉRIAUX, JACQUES	53	775
GONCHARSKY, A. V.	13	See: TIKHONOV, A. N. & GON- CHARSKY, A. V., Editors	53	445
GREENGARD, LESLIE	10	70-02, 70-03	52	716
GRIFFITHS, D. V.	22	See: SMITH, I. M. & GRIFFITHS, D. V.	53	763
HADJIDIMOS, A., Editor	31	65F10, 65N20	53	774
HÄMMERLIN, G. H.	17	See: BRASS, H. & HÄMMERLIN, G. H., Editors	53	451
HERRERA, ISMAEL	20	See: ALLEN, MYRON B. III, HERRERA, ISMAEL & PINDER, GEORGE F.	53	761
HORADAM, A. F.	19	See: PHILIPPOU, A. N., HORADAM, A. F. & BERGUM, G. E., Editors	53	453
JOHNSON, CLAES	1	65-01, 65M60, 65N30	52	247
KITZMILLER, C. T.	12	See: KOWALIK, J. S. & KITZMILLER, C. T., Editors	52	718
KOWALIK, J. S. & KITZMILLER, C. T., Editors	12	65-06, 68-06	52	718
LANE, PETER, GALWAY, NICK & ALVEY, NORMAN	4	62-04	52	252
LEGUILLON, D. & SANCHEZ-PALENCIA, E.	24	65-02, 65N30	53	765
MARCELLAN, F. J.	34	See: ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	53	775
MCKENNA, JAMES & TEMAM, ROGER, Editors	32	65-06, 68-06	53	774
MENCHI, ORNELLA	28	See: BINI, DARIO, CAPOVANI, MILVIO & MENCHI, ORNELLA	53	771
MEURANT, GÉRARD A.	33	See: GLOWINSKI, ROLAND, GOLUB, GENE H., MEURANT, GÉRARD A. & PÉRIAUX, JACQUES	53	775
MITRINOVIĆ, D. S.	16	See: BULLEN, P. S., MITRINOVIĆ, D. S. & VASIĆ, P. M.	53	450
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	5	62Q05, 62E15, 62F07, 62J15, 62H10	52	252
ODEN, J. TINSLEY	2	See: CAREY, GRAHAM F. & ODEN, J. TINSLEY	52	249
PAPALAMBROS, PANOS Y. & WILDE, DOUGLASS J.	27	90-01, 90B99	53	769

Author	Review Number	Classification	Vol.	Page
PEARSON, N. S.	5	See: ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	52	252
PÉRIAUX, JACQUES	33	See: GLOWINSKI, ROLAND, GOLUB, GENE H., MEURANT, GÉRARD A. & PÉRIAUX, JACQUES	53	775
PHILIPPOU, A. N., HORADAM, A. F. & BERGUM, G. E., Editors	19	11-06, 11B37, 11B39	53	453
PINDER, GEORGE F.	20	See: ALLEN, MYRON B. III, HERRERA, ISMAEL & PINDER, GEORGE F.	53	761
PIRONNEAU, OLIVIER	21	65-02, 76-02	53	762
PRESS, WILLIAM H.	7	See: VETTERLING, WILLIAM T., TEUKOLSKY, SAUL A., PRESS, WILLIAM H. & FLANNERY, BRIAN P.	52	253
PRESS, WILLIAM H., FLANNERY, BRIAN P., TEUKOLSKY, SAUL A. & VETTERLING, WILLIAM T.	6	65-04	52	253
REID, J. K.	3	See: DUFF, I. S., ERISMAN, A. M. & REID, J. K.	52	250
RODRIGUE, GARRY, Editor	35	65-06, 68-06	53	775
RUBIO DE FRANCIA, J. L.	34	See: ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	53	775
SANCHEZ-PALENCIA, E.	24	See: LEGUILLON, D. & SANCHEZ- PALENCIA, E.	53	765
SEWELL, M. J.	25	49-01, 49H05	53	766
SMITH, I. M. & GRIFFITHS, D. V.	22	65-04, 65M60, 65N30	53	763
SPEKREIJSE, S. P.	23	35L65, 35L67, 65N05, 65N30, 76G15, 76H05	53	764
TEMAM, ROGER	32	See: MCKENNA, JAMES & TEMAM, ROGER, Editors	53	774
TEUKOLSKY, SAUL A.	6	See: PRESS, WILLIAM H., FLAN- NERY, BRIAN P., TEUKOLSKY, SAUL A. & VETTERLING, WILLIAM T.	52	253
TEUKOLSKY, SAUL A.	7	See: VETTERLING, WILLIAM T., TEUKOLSKY, SAUL A., PRESS, WILLIAM H. & FLANNERY, BRIAN P.	52	253
TIKHONOV, A. N. & GONCHARSKY, A. V., Editors	13	45-02, 45L10, 65R20	53	445
VAN LOAN, CHARLES	14	See: COLEMAN, THOMAS F. & VAN LOAN, CHARLES	53	447
VASIĆ, P. M.	16	See: BULLEN, P. S., MITRINOVIĆ, D. S. & VASIĆ, P. M.	53	450
VETTERLING, WILLIAM T.	6	See: PRESS, WILLIAM H., FLAN- NERY, BRIAN P., TEUKOLSKY, SAUL A. & VETTERLING, WILLIAM T.	52	253

# INDEX OF REVIEWS BY SUBJECT OF WORK REVIEWED 787

Author	Review Number	Title	Vol.	Page
VETTERLING, WILLIAM T., TEUKOLSKY, SAUL A., PRESS, WILLIAM H. & FLANNERY, BRIAN P.	7	65-04	52	253
VINUESA, J.	34	See: ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	53	775
VOGEL, ANDREAS, Editor	8	65-06, 65K05, 65R20, 86-06, 86-08, 86A20	52	254
WADA, HIDEO	18	11A41, 11Y05, 11Y11	53	451
WILDE, DOUGLASS J.	27	See: PAPALAMBROS, PANOS Y. & WILDE, DOUGLASS J.	53	769
ZISSERMAN, ANDREW	29	See: BLAKE, ANDREW & ZISSER- MAN, ANDREW	53	772

## INDEX OF REVIEWS BY SUBJECT OF WORK REVIEWED

Author	Review Number	Title	Vol.	Page
<b>01-XX History and Biography</b>				
01A45 17th Century				
EDWARDS, A. W. F.	30	Pascal's Arithmetical Triangle	53	773
<b>11-XX Number Theory</b>				
11-06 <i>Proceedings, Conferences, etc.</i>				
PHILIPPOU, A. N., HORADAM, A. F. & & BERGUM, G. E., Editors	19	Applications of Fibonacci Numbers	53	453
11A41 <i>Primes</i>				
WADA, HIDEO	18	Computers and Prime Factorization	53	451
11B37 <i>Recurrences</i>				
PHILIPPOU, A. N., HORADAM, A. F. & & BERGUM, G. E., Editors	19	Applications of Fibonacci Numbers	53	453
11B39 <i>Fibonacci and Lucas Numbers and Polynomials</i>				
PHILIPPOU, A. N., HORADAM, A. F. & & BERGUM, G. E., Editors	19	Applications of Fibonacci Numbers	53	453
11Y05 <i>Factorization</i>				
WADA, HIDEO	18	Computers and Prime Factorization	53	451
11Y11 <i>Primality</i>				
WADA, HIDEO	18	Computers and Prime Factorization	53	451
<b>15-XX Linear and Multilinear Algebra; Matrix Theory (Finite and Infinite)</b>				
15-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
DUFF, I. S., ERISMAN, A. M. & REID, J. K.	3	Direct Methods for Sparse Matrices	52	250
15A18 <i>Eigenvalues, Singular Values, and Eigenvectors</i>				
GLADWELL, G. M. L.	11	Inverse Problems in Vibration	52	717

Author	Review Number	Title	Vol.	Page
<b>15A99 Miscellaneous Topics</b>				
GLADWELL, G. M. L.	11	Inverse Problems in Vibration	52	717
<b>26-XX Real Functions</b>				
26-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
BULLEN, P. S., MITRINOVIĆ, D. S. & VASIĆ, P. M.	16	Means and Their Inequalities	53	450
26B25 <i>Convexity, Generalizations</i>				
BULLEN, P. S., MITRINOVIĆ, D. S. & VASIĆ, P. M.	16	Means and Their Inequalities	53	450
26D15 <i>Inequalities for Sums, Series and Integrals</i>				
BULLEN, P. S., MITRINOVIĆ, D. S. & VASIĆ, P. M.	16	Means and Their Inequalities	53	450
<b>33-XX Special Functions</b>				
33-06 <i>Proceedings, Conferences, etc.</i>				
ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	34	Orthogonal Polynomials and Their Applications	53	775
33A65 <i>Orthogonal Special Functions and Polynomials (Chebyshev, Hermite, Jacobi, Laguerre, etc.)</i>				
ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	34	Orthogonal Polynomials and Their Applications	53	775
<b>34-XX Ordinary Differential Equations</b>				
34A55 <i>Inverse Problems</i>				
GLADWELL, G. M. L.	11	Inverse Problems in Vibration	52	717
<b>35-XX Partial Differential Equations</b>				
35L65 <i>Conservation Laws</i>				
SPEKREIJSE, S. P.	23	Multigrid Solution of the Steady Euler Equations	53	764
35L67 <i>Shocks and Singularities</i>				
SPEKREIJSE, S. P.	23	Multigrid Solution of the Steady Euler Equations	53	764
<b>41-XX Approximations and Expansions</b>				
41-06 <i>Proceedings, Conferences, etc.</i>				
ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	34	Orthogonal Polynomials and Their Applications	53	775
<b>42-XX Fourier Analysis</b>				
42C05 <i>Orthogonal Functions and Polynomials, General Theory</i>				
ALFARO, M., DEHESA, J. S., MARCELLAN, F. J., RUBIO DE FRANCIA, J. L. & VINUESA, J., Editors	34	Orthogonal Polynomials and Their Applications	53	775

INDEX OF REVIEWS BY SUBJECT OF WORK REVIEWED 789

Author	Review Number	Title	Vol.	Page
<b>45-XX Integral Equations</b>				
45-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
TIKHONOV, A. N. & GONCHARSKY, A. V., Editors	13	Ill-Posed Problems in the Natural Sciences	53	445
45L10 <i>Numerical Approximation of Solutions</i>				
TIKHONOV, A. N. & GONCHARSKY, A. V., Editors	13	Ill-Posed Problems in the Natural Sciences	53	445
<b>49-XX Calculus of Variations and Optimal Control; Optimization</b>				
49-01 <i>Elementary Exposition; Textbooks</i>				
SEWELL, M. J.	25	Maximum and Minimum Principles — A Unified Approach with Applica- tions	53	766
49H05 <i>Variational Principles of Physics</i>				
SEWELL, M. J.	25	Maximum and Minimum Principles — A Unified Approach with Applica- tions	53	766
<b>62-XX Statistics</b>				
62-04 <i>Explicit Machine Computation and Programs</i>				
LANE, PETER, GALWAY, NICK & ALVEY, NORMAN	4	Genstat 5 - An Introduction	52	252
62E15 <i>Exact Distribution Theory</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	5	Selected Tables in Mathematical Sta- tistics, Vol. 11	52	252
62F07 <i>Ranking and Selection</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	5	Selected Tables in Mathematical Sta- tistics, Vol. 11	52	252
62H10 <i>Systems of Equations</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	5	Selected Tables in Mathematical Sta- tistics, Vol. 11	52	252
62J15 <i>Paired and Multiple Comparisons</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	5	Selected Tables in Mathematical Sta- tistics, Vol. 11	52	252
62Q05 <i>Statistical Tables</i>				
ODEH, R. E., DAVENPORT, J. M. & PEARSON, N. S., Editors	5	Selected Tables in Mathematical Sta- tistics, Vol. 11	52	252
<b>65-XX Numerical Analysis</b>				
65-01 <i>Elementary Exposition; Textbooks</i>				
ALLEN, MYRON B. III, HERRERA, ISMAEL & PINDER, GEORGE F.	20	Numerical Modeling in Science and Engineering	53	761
BINI, DARIO, CAPOVANI, MILVIO & MENCHI, ORNELLA	28	Metodi Numerici per l'Algebra Lineare	53	771
JOHNSON, CLAES	1	Numerical Solution of Partial Differ- ential Equations by the Finite Element Method	52	247
65-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
FLETCHER, R.	26	Practical Methods of Optimization	53	768
LEGUILLON, D. & SANCHEZ-PALENCIA, E.	24	Computation of Singular Solutions in Elliptic Problems and Elasticity	53	765

Author	Review Number	Title	Vol.	Page
PIRONNEAU, OLIVIER	21	Méthodes des Éléments Finis pour les Fluides	53	762
65-04 <i>Explicit Machine Computation and Programs</i>				
COLEMAN, THOMAS F. & VAN LOAN, CHARLES	14	Handbook for Matrix Computations	53	447
PRESS, WILLIAM H., FLANNERY, BRIAN P., TEUKOLSKY, SAUL A. & VETTERLING, WILLIAM T.	6	Numerical Recipes in C—The Art of Scientific Computing	52	253
SMITH, I. M. & GRIFFITHS, D. V.	22	Programming the Finite Element Method	53	763
VETTERLING, WILLIAM T., TEUKOLSKY, SAUL A., PRESS, WILLIAM H. & FLANNERY, BRIAN P.	7	Numerical Recipes Example Book (C)	52	253
65-06 <i>Proceedings, Conferences, etc.</i>				
BRASS, H. & HÄMMERLIN, G. H., Editors	17	Numerical Integration III	53	451
GLOWINSKI, ROLAND, GOLUB, GENE H., MEURANT, GÉRARD A. & PÉRIAUX, JACQUES	33	First International Symposium on Domain Decomposition Methods for Partial Differential Equations	53	775
KOWALIK, J. S. & KITZMILLER, C. T., Editors	12	Coupling Symbolic and Numerical Computing in Expert Systems, II	52	718
MCKENNA, JAMES & TEMAM, ROGER, Editors	32	ICIAM '87: Proceedings of the First International Conference on Indus- trial and Applied Mathematics	53	774
RODRIGUE, GARRY, Editor	35	Parallel Processing for Scientific Com- puting	53	775
VOGEL, ANDREAS, Editor	8	Model Optimization in Exploration Geophysics	52	254
65D07 <i>Splines</i>				
BLAKE, ANDREW & ZISSERMAN, ANDREW	29	Visual Reconstruction	53	772
65D10 <i>Smoothing, Curve Fitting</i>				
BLAKE, ANDREW & ZISSERMAN, ANDREW	29	Visual Reconstruction	53	772
65D30 <i>Numerical Integration</i>				
BRASS, H. & HÄMMERLIN, G. H., Editors	17	Numerical Integration III	53	451
65D32 <i>Quadrature and Cubature Formulas</i>				
BRASS, H. & HÄMMERLIN, G. H., Editors	17	Numerical Integration III	53	451
65Fxx <i>Numerical Linear Algebra</i>				
BINI, DARIO, CAPOVANI, MILVIO & MENCHI, ORNELLA	28	Metodi Numerici per l'Algebra Lineare	53	771
65F05 <i>Direct Methods for Linear Systems and Matrix Inversion</i>				
COLEMAN, THOMAS F. & VAN LOAN, CHARLES	14	Handbook for Matrix Computations	53	447
65F10 <i>Iterative Methods for Linear Systems</i>				
HADJIDIMOS, A., Editor	31	Iterative Methods for the Solution of Linear Systems	53	774



INDEX OF REVIEWS BY SUBJECT OF WORK REVIEWED 791

Author	Review Number	Title	Vol.	Page
<b>65F50 Sparse Matrices</b>				
DUFF, I. S., ERISMAN, A. M. & REID, J. K.	3	Direct Methods for Sparse Matrices	52	250
<b>65Kxx Mathematical Programming, Optimization and Variational Techniques</b>				
FLETCHER, R.	26	Practical Methods of Optimization	53	768
<b>65K05 Mathematical Programming</b>				
VOGEL, ANDREAS, Editor	8	Model Optimization in Exploration Geophysics	52	254
<b>65Mxx Partial Differential Equations, Initial Value Problems</b>				
ALLEN, MYRON B. III, HERRERA, ISMAEL & PINDER, GEORGE F.	20	Numerical Modeling in Science and Engineering	53	761
<b>65M60 Finite Elements, Rayleigh-Ritz and Galerkin Methods, Finite Methods</b>				
CAREY, GRAHAM F. & ODEN, J. TINSLEY	2	Finite Elements: Fluid Mechanics	52	249
JOHNSON, CLAES	1	Numerical Solution of Partial Differ- ential Equations by the Finite Element Method	52	247
SMITH, I. M. & GRIFFITHS, D. V.	22	Programming the Finite Element Method	53	763
<b>65Nxx Partial Differential Equations, Boundary Value Problems</b>				
ALLEN, MYRON B. III, HERRERA, ISMAEL & PINDER, GEORGE F.	20	Numerical Modeling in Science and Engineering	53	761
<b>65N05 Derivation of Finite Difference Approximations</b>				
SPEKREIJSE, S. P.	23	Multigrid Solution of the Steady Euler Equations	53	764
<b>65N20 Solution of Difference Equations</b>				
HADJIDIMOS, A., Editor	31	Iterative Methods for the Solution of Linear Systems	53	774
<b>65N30 Finite Elements, Rayleigh-Ritz and Galerkin Methods, Finite Methods</b>				
CAREY, GRAHAM F. & ODEN, J. TINSLEY	2	Finite Elements: Fluid Mechanics	52	249
JOHNSON, CLAES	1	Numerical Solution of Partial Differ- ential Equations by the Finite Element Method	52	247
LEGUILLON, D. & SANCHEZ-PALENCIA, E.	24	Computation of Singular Solutions in Elliptic Problems and Elasticity	53	765
SPEKREIJSE, S. P.	23	Multigrid Solution of the Steady Euler Equations	53	764
SMITH, I. M. & GRIFFITHS, D. V.	22	Programming the Finite Element Method	53	763
<b>65R20 Integral Equations</b>				
TIKHONOV, A. N. & GONCHARSKY, A. V., Editors	13	Ill-Posed Problems in the Natural Sciences	53	445
VOGEL, ANDREAS, Editor	8	Model Optimization in Exploration Geophysics	52	254
<b>68-XX Computer Science</b>				
<b>68-06 Proceedings, Conferences, etc.</b>				
KOWALIK, J. S. & KITZMILLER, C. T., Editors	12	Coupling Symbolic and Numerical Computing in Expert Systems, II	52	718

Author	Review Number	Title	Vol.	Page
MCKENNA, JAMES & TEMAM, ROGER, Editors	32	ICIAM '87: Proceedings of the First International Conference on Industrial and Applied Mathematics	53	774
RODRIGUE, GARRY, Editor	35	Parallel Processing for Scientific Computing	53	775
68T99 None of the Above, but in This Section				
BLAKE, ANDREW & ZISSERMAN, ANDREW	29	Visual Reconstruction	53	772
<b>70-XX Mechanics of Particles and Systems</b>				
70-02 Advanced Exposition (Research Surveys, Monographs, etc.)				
GREENGARD, LESLIE	10	The Rapid Evaluation of Potential Fields in Particle Systems	52	716
70-08 Computational Methods				
GREENGARD, LESLIE	10	The Rapid Evaluation of Potential Fields in Particle Systems	52	716
<b>73-XX Mechanics of Solids</b>				
73-02 Advanced Exposition (Research Surveys, Monographs, etc.)				
CIARLET, PHILIPPE G.	9	Mathematical Elasticity, Volume 1: Three-Dimensional Elasticity	52	715
73C50 Nonlinear Elasticity				
CIARLET, PHILIPPE G.	9	Mathematical Elasticity, Volume 1: Three-Dimensional Elasticity	52	715
<b>76-XX Fluid Mechanics</b>				
76-02 Advanced Exposition (Research Surveys, Monographs, etc.)				
PIRONNEAU, OLIVIER	21	Méthodes des Éléments Finis pour les Fluides	53	762
76D05 Navier-Stokes Equations				
CAREY, GRAHAM F. & ODEN, J. TINSLEY	2	Finite Elements: Fluid Mechanics	52	249
76D07 Stokes Flows				
CAREY, GRAHAM F. & ODEN, J. TINSLEY	2	Finite Elements: Fluid Mechanics	52	249
76G15 Iterative Methods				
SPEKREIJSE, S. P.	23	Multigrid Solution of the Steady Euler Equations	53	764
76H05 Transonic Flows, Limit Lines				
SPEKREIJSE, S. P.	23	Multigrid Solution of the Steady Euler Equations	53	764
<b>86-XX Geophysics</b>				
86-06 Proceedings, Conferences, etc.				
VOGEL, ANDREAS, Editor	8	Model Optimization in Exploration Geophysics	52	254
86-08 Computational Methods				
VOGEL, ANDREAS, Editor	8	Model Optimization in Exploration Geophysics	52	254
86A20 Potentials, Prospecting				
VOGEL, ANDREAS, Editor	8	Model Optimization in Exploration Geophysics	52	254

# INDEX OF SUPPLEMENTS

793

Author		Title	Vol.	Issue
<b>90-XX Economics, Operations Research, Programming, Games</b>				
90-01 <i>Elementary Exposition; Textbooks</i>				
PAPALAMBROS, PANOS Y. & WILDE, DOUGLASS J.	27	Principles of Optimal Design— Modeling and Computation	53	769
90-02 <i>Advanced Exposition (Research Surveys, Monographs, etc.)</i>				
FORGÓ, FERENC	15	Nonconvex Programming	53	449
90B99 <i>None of the Above, but in This Section</i>				
PAPALAMBROS, PANOS Y. & WILDE, DOUGLASS J.	27	Principles of Optimal Design— Modeling and Computation	53	769
90Cxx <i>Mathematical Programming</i>				
FLETCHER, R.	26	Practical Methods of Optimization	53	768

# INDEX OF SUPPLEMENTS

Author		Title	Vol.	Issue
BALES, LAURENCE A. & DOUGALIS, VASSILIOS A.		Supplement to "Cosine Methods for Nonlinear Second-Order Hyperbolic Equations"	52	April
BOYD, DAVID W.		Supplement to "Reciprocal Polynomials Having Small Measure. II"	53	July
BRENT, RICHARD P. & COHEN, GRAEME L.		Supplement to "A New Lower Bound for Odd Perfect Numbers"	53	July
BUCHMANN, JOHANNES & PÉTHO, ATTILA		Supplement to "Computation of Indepen- dent Units in Number Fields by Dirichlet's Method"	52	Jan.
SWARTZ, BLAIR		Supplement to "The Second-Order Sharpening of Blurred Smooth Borders"	52	April